# 760243311 | C-096-LN-5L-M12BK/20G/E



Fiber indoor/outdoor cable, LazrSPEED®, Mini Single Jacket, All-Dielectric, Low Smoke Zero Halogen (LSZH), 96 fiber, Gel-Filled, Stranded Loose Tube, Multimode OM3, Meters jacket marking, Black jacket color, Eca flame rating

### Product Classification

Regional Availability	EMEA
Portfolio	CommScope®
Product Type	Fiber indoor/outdoor cable
Product Series	C-LN
General Specifications	
Cable Type	Stranded loose tube
Construction Type	Non-armored
Subunit Type	Gel-filled
Jacket Color	Black
Jacket Marking	Meters
Jacket Marking Method	Inkjet
Jacket Marking Text	COMMSCOPE GB OPTICAL CABLE 5L MM 96 FIBER EN50575 CLASS E [SERIAL NUMBER] [MM/YY] [METRE MARK]
Subunit, quantity	8
Fibers per Subunit, quantity	12
Total Fiber Count	96
Dimensions	
Buffer Tube/Subunit Diameter	2 mm   0.079 in
Diameter Over Jacket	12 mm   0.472 in

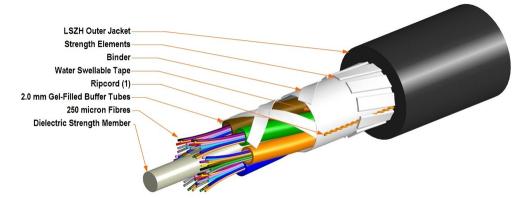
Representative Image

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### Mechanical Specifications

Minimum Bend Radius, loaded	180 mm   7.087 in		
Minimum Bend Radius, unloaded	120 mm   4.724 in		
Tensile Load, long term, maximum	800 N   179.847 lbf		
Tensile Load, short term, maximum	2700 N   606.984 lbf		
Compression	<b>n</b> 22 N/mm   125.623 lb/in		
Compression Test Method	Test Method IEC 60794-1 E3		
Flex	25 cycles		
Flex Test Method	IEC 60794-1 E6		
Impact	5.15 N-m   45.581 in lb		
Impact Test Method	IEC 60794-1 E4		
Strain	See long and short term tensile loads		
Strain Test Method	n Test Method IEC 60794-1 E1		
Twist	10 cycles		
Twist Test Method	IEC 60794-1 E7		
Vertical Rise, maximum	363 m   1,190.945 ft		
Optical Specifications			
Fiber Type	OM3   OM3, LazrSPEED® 300		

#### **Environmental Specifications**

Installation temperature	-30 °C to +60 °C (-22 °F to +140 °F)
Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)

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-40 °C to +75 °C (-40 °F to +167 °F)	
IEC 60794-1-2	
Eca	
Aerial, lashed   Buried   Low Smoke Zero Halogen (LSZH)   Riser	
IEC 60332-1-2   IEC 60754-1   IEC 61034-2	
UV stabilized	
24 h	
IEC 60794-1 F5	

### Environmental Test Specifications

Cable Freeze	-2 °C   28.4 °F	
Cable Freeze Test Method	ze Test Method IEC 60794-1 F15	
Drip	70 °C   158 °F	
Drip Test Method	IEC 60794-1 E14	
Heat Age	-40 °C to +85 °C (-40 °F to +185 °F)	
Heat Age Test Method	IEC 60794-1 F9	
Low High Bend	-30 °C to +60 °C (-22 °F to +140 °F)	
Low High Bend Test Method	IEC 60794-1 E11	
Temperature Cycle	-40 °C to +70 °C (-40 °F to +158 °F)	
emperature Cycle Test Method IEC 60794-1 F1		

### Packaging and Weights

Cable weight	Cable	weight	
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151 kg/km | 101.467 lb/kft

#### Included Products

CS-5L-LT

 LazrSPEED® 300 OM3 Bend-Insensitive Multimode Fiber

### \* Footnotes

Operating Temperature Specification applicable to non-terminated bulk fiber cable

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